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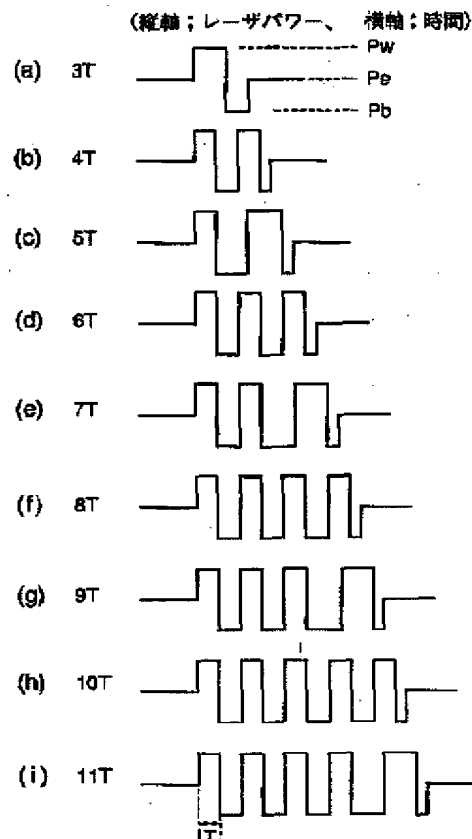
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APPLICANT : MITSUBISHI CHEMICALS CORP;

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INT.CL. : B41M 5/26 G11B 7/004 G11B 7/24

TITLE : OPTICAL INFORMATION RECORDING
MEDIUM AND ITS RECORD DELETING
METHOD



ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical information recording medium having a high crystallization speed which can deal with recording by a reference clock cycle at 15 ns or lower, an excellent recording signal jitter property, and an excellent preservation stability.

SOLUTION: For this optical information recording medium, at least a phase changing type recording layer is provided on a substrate. The phase changing type recording layer comprises an alloy of which the major component is a composition represented by $(\text{Sb}_x\text{Te}_{1-x})_{1-y}\text{Ge}_y)_{1-z}\text{Au}_z$. (In this case, $0.70 \leq x \leq 0.95$, $0.01 \leq y \leq 0.10$, and $0.01 \leq z \leq 0.12$ are satisfied).

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